

## SEQUENCE LISTING



<110> Yang, Fei  
Sun, Yongming  
Recipon, Herve  
Macina, Roberto

<120> A Novel Method of Diagnosing, Monitoring, Staging, Imaging and Treating Lung Cancer

<130> DEX-0146

<140> US 09/762,028  
<141> 1999-07-19

<150> US 60/095,233  
<151> 1998-08-04

<160> 6

<170> PatentIn version 3.1

<210> 1  
<211> 174  
<212> DNA  
<213> Homo sapien

<400> 1  
cataattggg catactgtaa tattctcaga gatctatatg taaaatttgt atagtcata 60  
tttatggtg ggttataatt gtctctagta gattctgtga gtctaaaaca ataggaagac 120  
tgtgctccat tagcttgtca tgcaattttt aactttgaca atagactttt tttg 174

<210> 2  
<211> 276  
<212> DNA  
<213> Homo sapien

<400> 2  
aagaggagtc tggaggtagg gtccaaaggc cacgagccag tttgggctgc tggaggggg 60  
cctggcaagg agggctctcg gggaaagcacc tgtgggggtc tgcttcctga ccccagggag 120  
ctagaggcct ccctccctcc aggccccca agccaggctg agccagccgc tagggcacg 180  
gagcagtgcc caccttgcgc ccagtgtggc cagagctcg gccggaaagga gctcagtgc 240  
ccgcaccagc gcgtgcacatcg tggccccccgg ccttc 276

<210> 3  
<211> 347  
<212> DNA  
<213> Homo sapien

<220>  
<221> misc\_feature  
<222> (279)..(280)  
<223> n=a, c, g, or t

```

<220>
<221> misc_feature
<222> (282)..(282)
<223> n=a, c, g, or t

<220>
<221> misc_feature
<222> (311)..(311)
<223> n=a, c, g, or t

<400> 3
gttagcttca caccttcggc agcaggaggg cggcagcttc tcgcaggcgg cagggcggc 60
ggccaggatc atgtccacca ccacatgcca agtggtggcg ttcctcctgt ccatcctggg 120
gctggccggc tgcatcgccg ccaccggat ggacatgtgg agcacccagg acctgtacga 180
caaccccgta acctccgtgt tccagttacga agggctctgg aggagctgcg tgaggcagag 240
ttcaggcttc accgaatgca ggcccttattt caccatccnn gnacttccag ccatgctgca 300
ggcagtgcga nccctgtatga tcgttaggcatt cgtccctgggt gccattg 347

<210> 4
<211> 1016
<212> DNA
<213> Homo sapien

<400> 4
acggggagag agaggagacc aggacagctg ctgagacctc taagaagtcc agataactaag 60
agcaaagatg tttcaaactg ggggcctcat tgtcttctac gggctgttag cccagaccat 120
ggcccagtt ggaggcctgc ccgtgccccct ggaccagacc ctgcccctga atgtgaatcc 180
agccctgccc tttagtcccc caggtcttgc aggaagcttg acaaatgccc tcagcaatgg 240
cctgctgtct gggggcctgt tggcattct ggaaaacctt ccgctcctgg acatcctgaa 300
gcctggagga ggtacttctg gtggcctcct tggggactg ctggaaaag tgacgtcagt 360
gattcctggc ctgaacaaca tcattgacat aaaggtcaact gaccccccaggc tgctggaaact 420
tggccttgc cagagccctg atggccaccc tctctatgtc accatccctc tcggcataaaa 480
gctccaagtg aatacgcccc tggtcggtgc aagtctgttgg aggctggctg tgaagctgg 540
catcaactgca gaaatcttag ctgtgagaga taagcaggag aggtccacc tggccttgg 600
tgactgcacc cattccctg gaagcctgca aatttctctg cttgtatggac ttggccccct 660
ccccattcaa ggtcttctgg acagcctcac agggatcttg aataaaagtcc tgcctgagtt 720
ggttcaggc aacgtgtgcc ctctggtaa tgaggttctc agaggcttgg acatcacccct 780
ggtgcatgac attgttaaca tgctgtatcca cggactacag tttgtcatca aggtctaaac 840

```

```
cttccaggaa ggggctggcc tctgctgagc tgcttcccag tgctcacaga tggctggccc 900
atgtgctgga agatgacaca gttgccttct ctccgaggaa cctgccccct ctcccttccc 960
accaggcgtg tgtaaacatcc catgtgcctc acctaataaa atggctcttc ttctgc 1016
```

<210> 5  
<211> 597  
<212> DNA  
<213> *Homo sapien*

```
<400> 5
tggctcgta gtccttggg catcccgctc ctgggcaggt caccaatagg tccccgcagt 60
tcccaatgga actgttccag tcctccccga ggcctccact tcaaccctgtc tgtgtctgcc 120
caggcctgga gttgtgtgac cctccccacc gcctggcctt ctccatgggg gctggcctt 180
tctcggtgg  gggcacccctg ctgctgccccg gcctggctgc gcttgtgcag gactggcgtc 240
ttctgcaggg gctgggtgcc ctgatgagtg gactcttgct gctctttgg gggaggaggt 300
ggagggagcc gtgggcattcc tcaccaacgc tgcaggttcc cggccctgtt ccccgagtct 360
ccctgctggc tgctggccac aggtcaggtt gctcgagcca ggaagatctt gtggcgctt 420
gcagaagcca gtggcgtggg cccccgggac agttccttgg aggagaactc cctggctaca 480
gagctgacca tgctgtctgc acggagcccc cagccccggt accactcccc actggggctt 540
ctgcgtaccc gagtcacctg gagaaacggg cttatcttgg gcttcaggtc gctgggt 597
```

<210> 6  
<211> 256  
<212> PRT  
<213> Homo sapien

<400> 6

Met Phe Gln Thr Gly Gly Leu Ile Val Phe Tyr Gly Leu Leu Ala Gln  
1 5 10 15

Thr Met Ala Gln Phe Gly Gly Leu Pro Val Pro Leu Asp Gln Thr Leu  
20 25 30

Pro Leu Asn Val Asn Pro Ala Leu Pro Leu Ser Pro Thr Gly Leu Ala  
35 40 45

Gly Ser Leu Thr Asn Ala Leu Ser Asn Gly Leu Leu Ser Gly Gly Leu  
50 55 60

Leu Gly Ile Leu Glu Asn Leu Pro Leu Leu Asp Ile Leu Lys Pro Gly  
65 70 75 80

Gly Gly Thr Ser Gly Gly Leu Leu Gly Gly Leu Leu Gly Lys Val Thr  
85 90 95

Ser Val Ile Pro Gly Leu Asn Asn Ile Ile Asp Ile Lys Val Thr Asp  
100 105 110

Pro Gln Leu Leu Glu Leu Gly Leu Val Gln Ser Pro Asp Gly His Arg  
115 120 125

Leu Tyr Val Thr Ile Pro Leu Gly Ile Lys Leu Gln Val Asn Thr Pro  
130 135 140

Leu Val Gly Ala Ser Leu Leu Arg Leu Ala Val Lys Leu Asp Ile Thr  
145 150 155 160

Ala Glu Ile Leu Ala Val Arg Asp Lys Gln Glu Arg Ile His Leu Val  
165 170 175

Leu Gly Asp Cys Thr His Ser Pro Gly Ser Leu Gln Ile Ser Leu Leu  
180 185 190

Asp Gly Leu Gly Pro Leu Pro Ile Gln Gly Leu Leu Asp Ser Leu Thr  
195 200 205

Gly Ile Leu Asn Lys Val Leu Pro Glu Leu Val Gln Gly Asn Val Cys  
210 215 220

Pro Leu Val Asn Glu Val Leu Arg Gly Leu Asp Ile Thr Leu Val His  
225 230 235 240

Asp Ile Val Asn Met Leu Ile His Gly Leu Gln Phe Val Ile Lys Val  
245 250 255